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L10 and (L3 or L5)	64

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DATE: Sunday, January 23, 2005 [Printable Copy](#) [Create Case](#)

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side by side

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result set

DB=; PLUR=YES; OP=ADJ

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L11 L8 and (L3 or L5) 10 L11

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L10 705/8-26.ccls. 11859 L10

L9 705/8, 26.ccls. 0 L9

L8 715/530.ccls. 894 L8

L7 L2 and (rating same employee\$1 same performance) 5 L7

L6 L1 and (product\$1 same auction\$1) 57 L6

L5 L1 and (product\$1 same procurement\$1) 127 L5

L4 L2 and (technician\$1 same troubleshoot\$3) 17 L4

L3 L2 and (content same approval\$1) 177 L3

L2 L1 and (database\$1 or data base\$1 or knowledgebase\$1) 3359 L2

L1 workflow same (system\$1 or analysis) 4769 L1

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10/053,175

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Search Results - Record(s) 1 through 10 of 10 returned.

1. Document ID: US 20040003353 A1

Using default format because multiple data bases are involved.

L11: Entry 1 of 10

File: PGPB

Jan 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040003353

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040003353 A1

TITLE: Workflow integration system for automatic real time data management

PUBLICATION-DATE: January 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rivera, Joey	New Albany	IN	US	
Mathews, Kathy	Louisville	KY	US	
Csapo, Frank A.	Louisville	KY	US	

US-CL-CURRENT: 715/530; 715/507

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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2. Document ID: US 20030174349 A1

L11: Entry 2 of 10

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030174349

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030174349 A1

TITLE: Preview function in a digital data preservation system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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3. Document ID: US 20010039594 A1

L11: Entry 3 of 10

File: PGPB

Nov 8, 2001

PGPUB-DOCUMENT-NUMBER: 20010039594

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010039594 A1

TITLE: Method for enforcing workflow processes for website development and maintenance

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 20010034748 A1

L11: Entry 4 of 10

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010034748

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010034748 A1

TITLE: Information architecture for the interactive environment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 5. Document ID: US 6671855 B1

L11: Entry 5 of 10

File: USPT

Dec 30, 2003

US-PAT-NO: 6671855

DOCUMENT-IDENTIFIER: US 6671855 B1

TITLE: Outline information generating apparatus and computer-readable recording medium
recording thereon outline information generating program

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 6. Document ID: US 6449627 B1

L11: Entry 6 of 10

File: USPT

Sep 10, 2002

US-PAT-NO: 6449627

DOCUMENT-IDENTIFIER: US 6449627 B1

TITLE: Volume management method and system for a compilation of content

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 7. Document ID: US 6308188 B1

L11: Entry 7 of 10

File: USPT

Oct 23, 2001

US-PAT-NO: 6308188

DOCUMENT-IDENTIFIER: US 6308188 B1

TITLE: System and method for building a web site with automated workflow

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 8. Document ID: US 6304886 B1

L11: Entry 8 of 10

File: USPT

Oct 16, 2001

US-PAT-NO: 6304886

DOCUMENT-IDENTIFIER: US 6304886 B1

h e b b g e e f e bh ef b e

TITLE: System and method for building a web site using specific interface

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Annotations	Claims	KWIC	Draw Desc	Image
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9. Document ID: US 6247032 B1

L11: Entry 9 of 10

File: USPT

Jun 12, 2001

US-PAT-NO: 6247032

DOCUMENT-IDENTIFIER: US 6247032 B1

TITLE: Automated system and method for approving web site content

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Annotations	Claims	KWIC	Draw Desc	Image
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10. Document ID: US 6154753 A

L11: Entry 10 of 10

File: USPT

Nov 28, 2000

US-PAT-NO: 6154753

DOCUMENT-IDENTIFIER: US 6154753 A

TITLE: Document management system and method for business quality modeling

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Annotations	Claims	KWIC	Draw Desc	Image
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☐ 1. Document ID: US 20040243459 A1

Using default format because multiple data bases are involved.

L12: Entry 1 of 64

File: PGPB

Dec 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040243459

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040243459 A1

TITLE: System and method for automating business development

PUBLICATION-DATE: December 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Geritz, William F. III	Columbia	MD	US	
Navarro, Paul	Baltimore	MD	US	
Ourednik, Patricia Ann	Bel Air	MD	US	
Mahoney, Donald P.	Cochranville	PA	US	

US-CL-CURRENT: 705/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20040193480 A1

L12: Entry 2 of 64

File: PGPB

Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040193480

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040193480 A1

TITLE: Web-based methods and systems for exchanging information among partners

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 20040153332 A1

L12: Entry 3 of 64

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153332

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040153332 A1

TITLE: Printed materials procurement system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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▢ 4. Document ID: US 20040133481 A1

L12: Entry 4 of 64

File: PGPB

Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040133481

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040133481 A1

TITLE: Interface for generating business partners

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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▢ 5. Document ID: US 20040128204 A1

L12: Entry 5 of 64

File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040128204

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040128204 A1

TITLE: Systems for procuring products in a distributed system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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▢ 6. Document ID: US 20040098292 A1

L12: Entry 6 of 64

File: PGPB

May 20, 2004

PGPUB-DOCUMENT-NUMBER: 20040098292

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040098292 A1

TITLE: System and method for enabling supplier manufacturing integration

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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▢ 7. Document ID: US 20040078269 A1

L12: Entry 7 of 64

File: PGPB

Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040078269

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040078269 A1

TITLE: Video exposure reporting system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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▢ 8. Document ID: US 20040078268 A1

L12: Entry 8 of 64

File: PGPB

Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040078268
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040078268 A1

TITLE: Video data scheduling system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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9. Document ID: US 20040030614 A1

L12: Entry 9 of 64

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040030614
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040030614 A1

TITLE: Computer-implemented method and system for managing workload of procurement individual

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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10. Document ID: US 20040019494 A1

L12: Entry 10 of 64

File: PGPB

Jan 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040019494
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040019494 A1

TITLE: System and method for sharing information relating to supply chain transactions in multiple environments

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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11. Document ID: US 20030212610 A1

L12: Entry 11 of 64

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030212610
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030212610 A1

TITLE: System and method for specification and exchange management

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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12. Document ID: US 20030208397 A1

L12: Entry 12 of 64

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030208397
PGPUB-FILING-TYPE: new

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DOCUMENT-IDENTIFIER: US 20030208397 A1

TITLE: Method of doing business and security instrument

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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13. Document ID: US 20030204427 A1

L12: Entry 13 of 64

File: PGPB

Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030204427

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030204427 A1

TITLE: User interface for processing requests for approval

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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14. Document ID: US 20030195824 A1

L12: Entry 14 of 64

File: PGPB

Oct 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030195824

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030195824 A1

TITLE: System and method for specification and exchange management

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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15. Document ID: US 20030177070 A1

L12: Entry 15 of 64

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030177070

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030177070 A1

TITLE: Line item approval processing in an electronic purchasing system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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16. Document ID: US 20030163362 A1

L12: Entry 16 of 64

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030163362

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030163362 A1

TITLE: Auto-generation of supplier forecast method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 17. Document ID: US 20030144892 A1

L12: Entry 17 of 64

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030144892

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030144892 A1

TITLE: Method, system, and storage medium for providing knowledge management services

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 18. Document ID: US 20030088456 A1

L12: Entry 18 of 64

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088456

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030088456 A1

TITLE: Automated information technology management system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 19. Document ID: US 20030014322 A1

L12: Entry 19 of 64

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030014322

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030014322 A1

TITLE: System and method for electronic delivery of content for industrial automation systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 20. Document ID: US 20020194057 A1

L12: Entry 20 of 64

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020194057

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020194057 A1

TITLE: Supply chain architecture

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 21. Document ID: US 20020184111 A1

L12: Entry 21 of 64

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020184111
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020184111 A1

TITLE: Intelligent multimedia e-catalog

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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22. Document ID: US 20020184084 A1

L12: Entry 22 of 64

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020184084
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020184084 A1

TITLE: Supply chain architecture

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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23. Document ID: US 20020178077 A1

L12: Entry 23 of 64

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020178077
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020178077 A1

TITLE: Method for automatically invoking a software module in response to an internal or external event affecting the procurement of an item

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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24. Document ID: US 20020174030 A1

L12: Entry 24 of 64

File: PGPB

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020174030
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020174030 A1

TITLE: Dynamic payment cards and related management systems and associated methods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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25. Document ID: US 20020169678 A1

L12: Entry 25 of 64

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169678
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020169678 A1

TITLE: Framework for processing sales transaction data

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1 [SecureFlow: a secure Web-enabled workflow management system](#)

Wei-Kuang Huang, Vijayalakshmi Atluri

October 1999 **Proceedings of the fourth ACM workshop on Role-based access control**Full text available: [pdf\(1.32 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

2 [Providing transactional properties for migrating workflows](#)

October 2004 **Mobile Networks and Applications**, Volume 9 Issue 5Full text available: [pdf\(138.89 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Current workflow management systems have several limitations that need to be addressed by the research community. This paper deals with two of them: the lack of flexibility necessary in a changing business environment, and the lack of transactional guarantees for workflow applications.

To handle the dynamic character of current business environments and processes, we have proposed the Migrating Workflow Model. A migrating workflow transfers its code (specification) and its execution st ...

Keywords: migrating workflows, mobile environment, transactions, workflows

3 [WorkWeb system—multi-workflow management with a multi-agent system](#)

Hiroyuki Tarumi, Koji Kida, Yoshihide Ishiguro, Kenji Yoshifu, Takayoshi Asakura

November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work : the integration challenge: the integration challenge**Full text available: [pdf\(1.38 MB\)](#)Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: dynamic rescheduling, multi-agent systems, schedule management, workflow systems

4 [Support for workflows in a ministerial environment](#)

Wolfgang Prinz, Sabine Kolvenbach

November 1996 **Proceedings of the 1996 ACM conference on Computer supported cooperative work**Full text available: [pdf\(1.44 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: digital signatures, electronic circulation folder, participatory design, shared workspaces, workflow

5 Enhancing workflows by web technology

Wolfgang Gräther, Wolfgang Prinz, Sabine Kolvenbach

November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work : the integration challenge: the integration challenge**

Full text available: [pdf\(1.34 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: HTML, Internet, electronic circulation folder, workflow

6 The specification and enforcement of authorization constraints in workflow management systems

Elisa Bertino, Elena Ferrari, Vijay Atluri

February 1999 **ACM Transactions on Information and System Security (TISSEC)**, Volume 2 Issue 1

Full text available: [pdf\(374.02 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

In recent years, workflow management systems (WFMSs) have gained popularity in both research and commercial sectors. WFMSs are used to coordinate and streamline business processes. Very large WFMSs are often used in organizations with users in the range of several thousands and process instances in the range of tens and thousands. To simplify the complexity of security administration, it is common practice in many businesses to allocate a role for each activity in the process and then assign ...

Keywords: access control, authorization constraints, role and user planning

7 Workflow management systems for financial services

Thomas Schael, Buni Zeller

December 1993 **Proceedings of the conference on Organizational computing systems**

Full text available: [pdf\(1.46 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: business process automation, computer supported cooperative work, customer satisfaction, groupware, office automation, office procedure, process reengineering, workflow management technology, workgroup computing

8 Project manager's influence tactics and authority: a comparison across project structures

Suzanne Rivard, Louis Raymond, François Bergeron, Marie-Claude Aubin

April 1999 **ACM SIGCPR Computer Personnel**, Volume 19/20 Issue 4/1

Full text available: [pdf\(1.14 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Ever since firms started using computers for processing their business data, researchers and practitioners have been preoccupied by the successful implementation of information systems (IS). Over the years, researchers have studied several aspects of IS implementation, be it measuring success or developing and testing models that explain IS project success or failure. However, up to now, few IS implementation studies have focused on the role played by the project leader. This paper presents the ...

Keywords: IS project management, IS project manager, influence tactics, leadership, matrix organization, organizational structure

9 Workflow as persistent objects with persistent exceptions: a framework for flexibility

Alex Borgida, Takahiro Murata

December 1999 **ACM SIGGROUP Bulletin**, Volume 20 Issue 3

Full text available: [pdf\(196.72 KB\)](#) Additional Information: [full citation](#), [abstract](#)

It is of significant value for an organization to be able to analyze and assist business processes by capturing them in a *process modeling language*. It describes the tasks to be performed in steps and their coordination in a *schema*, whose *enactment* is a specific instance (*workcase*) that unfolds over time. In such an environment, a *process support system* (PSS) is introduced to ensure that the enactment conforms to the schema. But, in a realistic workflow ...

10 A discussion on approaches to handling exceptions in workflows

Fabio Casati

December 1999 **ACM SIGGROUP Bulletin**, Volume 20 Issue 3

Full text available: [pdf\(216.59 KB\)](#) Additional Information: [full citation](#), [references](#)

11 Organizational/business issues: Webtop: realities in designing a Web-application platform

David Heller, Lisa Krenzelok, Julian Orr

June 2003 **Proceedings of the 2003 conference on Designing for user experiences**

Full text available: [pdf\(488.55 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

This case study focuses on the design process for a thin-client in a real world enterprise software environment, created for our own internal sales and marketing directives. This project became the basis of our biggest upgrade migration in four years. The project increased sales and earned our product industry awards, but was most successful for the paradigm shift in corporate culture; specifically, user experience has become a fundamental part of our development process, a challenge in most org ...

Keywords: B2All, B2B, Enterprise Content Management (ECM), Web Content Management (WCM), Web Publishing, Web applications, accessibility, compliance, content management, design process, document management, documentum, enterprise software, interaction design, interface design, library services, platform design, thin-client, user experience, user interface, workflow management

12 Industry perspective: Too much middleware

Michael Stonebraker

March 2002 **ACM SIGMOD Record**, Volume 31 Issue 1


Full text available: [pdf\(524.87 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The movement from client-server computing to multi-tier computing has created a potpourri of so-called middleware systems, including application servers, workflow products, EAI systems, ETL systems and federated data systems. In this paper we argue that the explosion in middleware has created a myriad of poorly integrated systems with overlapping functionality. The world would be well served by considerable consolidation, and we present some of the ways this might happen. Some of the points covered ...

13 Models for supporting the redesign of organizational work

Eric S. K. Yu

August 1995 **Proceedings of conference on Organizational computing systems**

Full text available:  [pdf\(1.20 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Many types of models have been proposed for supporting organizational work. In this paper, we consider models that are used for supporting the redesign of organizational work. These models are used to help discover opportunities for improvements in organizations, introducing information technologies where appropriate. To support the redesign of organizational work, models are needed for describing work configurations, and for identifying issues, exploring alternatives, and ...

14 Modelling activities in information systems using the coordination language MANIFOLD

George A. Papadopoulos, Farhad Arbab

February 1998 **Proceedings of the 1998 ACM symposium on Applied Computing**Full text available:  [pdf\(964.38 KB\)](#)Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: collaborative computing environments, coordination languages and models, design of distributed and open information systems, modelling information systems

15 Monitoring and controlling of a multi-agent based workflow system

Bastin Tony Roy Savarimuthu, Maryam Purvis, Martin Fleurke

January 2004 **Proceedings of the second workshop on Australasian information security, Data Mining and Web Intelligence, and Software Internationalisation - Volume 32**Full text available:  [pdf\(675.68 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#)

Business processes are often likely to undergo drastic changes and hence the workflow systems that model, simulate and enact these processes should support the monitoring and controlling of processes. In extension to our previous work on the framework for an adaptive and distributed agent based workflow system JBees, this paper describes the agents that are embedded to our system, that can monitor and control the system based upon the data obtained through simulation. In the monitoring part we f ...

Keywords: adaptivity, agents, controlling, monitoring, process, workflow

16 Requirements for transitioning business process simulation models to real-time operational systems

Peter Floss

December 1997 **Proceedings of the 29th conference on Winter simulation**Full text available:  [pdf\(475.84 KB\)](#)Additional Information: [full citation](#), [references](#), [index terms](#)

17 Process-oriented approach for role-finding to implement role-based security administration in a large industrial organization

Haio Roeckle, Gerhard Schimpf, Rupert Weidinger

July 2000 **Proceedings of the fifth ACM workshop on Role-based access control**Full text available:  [pdf\(101.78 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper we describe the work in progress with a process-oriented approach for role-finding to implement Role-Based Security Administration. Our results stem from using a recently proposed role model and procedural model at Siemens AG ICN, a large industrial organization. The core of this paper presents the data model, which integrates business processes, role based security administration and access control. Moreover, a structured top-down approach is outlined which is the ...

Keywords: access control, authorizations, business processes, enterprise process modeling, heterogeneous systems, role based access control, security administration, security data models, security management, security models, single point of administration and control

18 Third generation TP monitors: a database challenge

Umesh Dayal, Hector Garcia-Molina, Mei Hsu, Ben Kao, Ming-Chien Shan

June 1993 **ACM SIGMOD Record , Proceedings of the 1993 ACM SIGMOD international conference on Management of data**, Volume 22 Issue 2

Full text available:  [pdf\(473.47 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In a 1976 book, "Algorithms + Data Structures = Programs" [15], Niklaus Wirth defined programs to be algorithms and data structures. Of course, by now we know that man does not live from programs alone, and that there is a second fundamental computer science equation: "Programs + Databases = Information Systems." Database researchers have traditionally focused on the database component of the equation, providing shared and persistent repos ...

19 Analyzing and redesigning a remote sensing business process for rapid estimates of agriculture in Europe

Alexandre Zenié, Thomas Schäl

August 1995 **Proceedings of conference on Organizational computing systems**

Full text available:  [pdf\(1.36 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper1 describes the application of the ActionWorkflow™ approach to analyze a European project for monitoring agriculture from high resolution satellite images by using remote sensing techniques. The objective of this study was to improve and maintain coordination between the organizations involved in the remote sensing process which evolved from a pilot phase and became operational. The study of the existing process was supported by the work ...

20 Modular authorization and administration

Horst F. Wedde, Mario Lischka

August 2004 **ACM Transactions on Information and System Security (TISSEC)**, Volume 7 Issue 3

Full text available:  [pdf\(986.64 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In large organizations the administration of access privileges (such as the assignment of access rights to a user in a particular role) is handled cooperatively through distributed administrators in various different capacities. A quorum may be necessary, or a veto may be possible for such a decision. In this paper, we present two major contributions: We develop a *role-based access control* (RBAC) approach for specifying distributed administration requirements, and procedures between admin ...

Keywords: Modularity, Petri-Nets, composability, work-flow

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